

503021-A-01-US (Denby)

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

**PATENT APPLICATION**

**INVENTOR(S)**

Lorraine Denby  
Bengi Karacali

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**CASE**

503021-A-01-US (Denby)

Date of Deposit: August 19, 2003

Signature: Lorraine M. Denby

**TITLE**

Method and Apparatus for Automatic Determination  
of Performance Problem Locations in a Network

**COMMISSIONER FOR PATENTS**

**P.O. BOX 1450**

**ALEXANDRIA, VA 22313-1450**

**SIR:**

Enclosed are the following papers relating to the above-named application for patent:

Specification, Claims and Abstract - 32 pages  
9 Sheets of informal drawing(s)

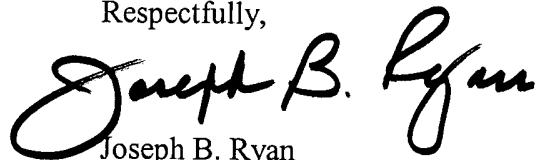
| CLAIMS AS FILED                               |           |           |            |              |
|---|-----------|-----------|------------|--------------|
|   | NO. FILED | NO. EXTRA | RATE       | CALCULATIONS |
| Total Claims                                  | 21-20 =   | 1         | x \$18 =   | \$18         |
| Independent Claims                            | 3-3 =     | 0         | x \$84 =   | \$0          |
| Multiple Dependent<br>Claim(s), if applicable |           |           | \$280 =    | \$0          |
| Basic Fee                                     |           |           |            | \$750        |
|   |           |           | TOTAL FEE: | \$768        |

Please file the application and charge **Avaya Inc.** Deposit Account No. **50-1602** the amount of \$768, to cover the filing fee. Duplicate copies of this letter are enclosed. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 50-1602** as required to correct the error.

19972 U.S. PTO  
10/643275  
08/19/03

Please address all correspondence to: **Ryan, Mason & Lewis, LLP, 90 Forest Avenue, Locust Valley, New York 11560.** Telephone calls should be made to the undersigned attorney at (516) 759-7517.

Respectfully,



Joseph B. Ryan  
Reg. No. 37,922  
Attorney for Applicant(s)

Date: August 19, 2003  
**Ryan, Mason & Lewis, LLP**  
**90 Forest Avenue**  
**Locust Valley, New York 11560**